

Abstract of the Disclosure

5 An apparatus and method in which illumination
light and collected emitted light share a pathway and
subsequently are physically separated. The optical
configuration is designed such that at the point of
separation, the illumination light is at has a smaller
cross sectional area than the collected light. Collected
light is directed away from the pathway of the
illumination light and to detection optics. This
10 configuration is adaptable to illumination and light
collection across a broad wavelength spectrum. This
configuration is adaptable to scanning in a limited depth
of field to allow high throughput optical analysis of
15 samples.

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